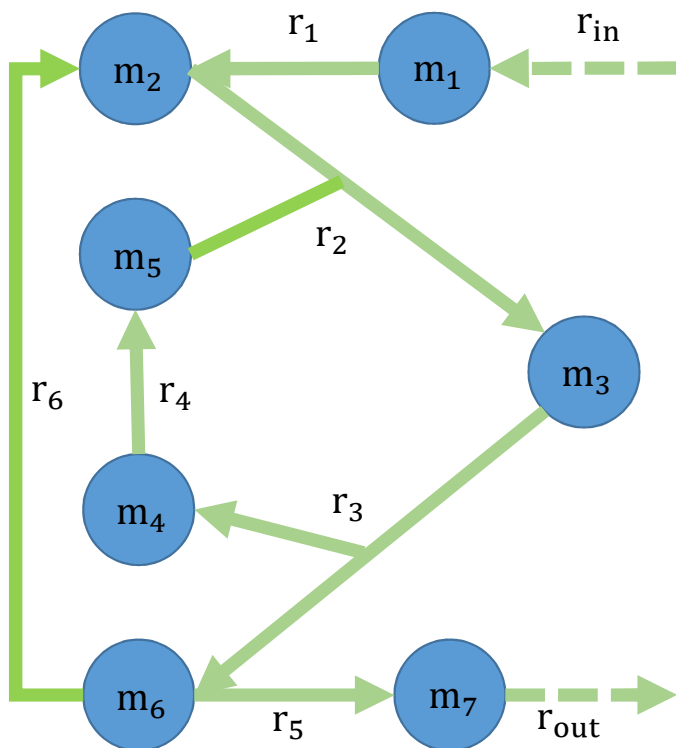


a**b**

$$v_1 + v_6 = v_2$$

$$\frac{dc_2}{dt} = v_1 + v_6 - v_2$$

$$v_5 + v_6 = v_3$$

$$\frac{dc_6}{dt} = v_3 - v_5 - v_6$$

c

$$c_3 + c_4 + c_5 = \text{const.}$$

$$\frac{dc_3}{dt} = v_2 - v_3$$

$$\frac{dc_4}{dt} = v_3 - v_4$$

$$\frac{dc_5}{dt} = v_4 - v_2$$

$$\frac{dc_3}{dt} + \frac{dc_4}{dt} + \frac{dc_5}{dt} = 0$$